

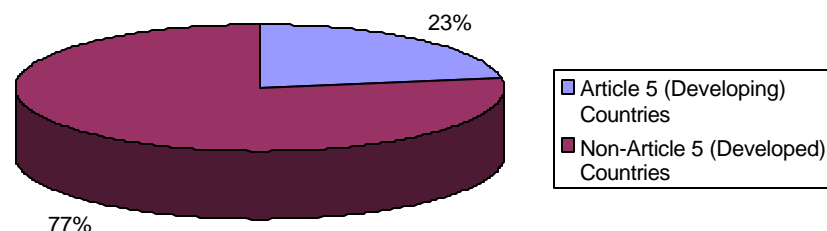
Global Methyl Bromide Pre-Plant Soil Fumigation

**Usage of Methyl Bromide
for Pre-plant Soil Applications (1996)**

Countries	Consumption (MT)	Consumption (lbs.)
Article 5 (Developing)	12,499	27,556,122
Non-Article 5 (Developed)	42,319	93,297,156
Total	54,819	120,853,278

Sources: UNEP 1995, 1998; ICF 1996, 1997.

**Pre-Plant Soil Fumigation:
Article 5 (Developing) vs. Non-Article 5 (Developed) Countries**



Worldwide Pre-plant Soil Usage

- Pre-plant consumption of methyl bromide in developed and developing countries combined is approximately 55,000 metric tons annually and represents over 75 percent of total methyl bromide consumption. Developed countries consume approximately 77 percent and Article 5 countries consume approximately 23 percent of total pre-plant methyl bromide consumption annually.
- The availability of methyl bromide for soil disinfestation and non-QPS usage by Non-Article 5 countries decreased by 25 percent in 1999 (UNEP/TEAP 2000).
- The United States, Japan, Italy, and France are the largest consumers of methyl bromide for pre-plant soil applications. Together these countries comprise more than 50 percent of methyl bromide consumption for this end use.
- The U.S. alone consumes 15,876 MT for pre-plant soil applications.
- Article 5 countries with the largest annual consumption of methyl bromide for pre-plant soil applications include Mexico, Brazil, Turkey, Morocco, South Africa, Zimbabwe, and Costa Rica. Other Article 5 countries with significant pre-plant methyl bromide usage include Argentina, Columbia, Guatemala, Jordan, Lebanon, and Kenya.